WO 2005/096805 32 PCT/BR2005/000041

CLAIMS

What is claimed is:

1. An isolated nucleic acid molecule comprising a nucleotide sequence that is capable of initiating transcription of a gene in a plant cell, wherein said isolated nucleic acid molecule comprises: (i) a nucleotide sequence as set forth in SEQ ID NOS.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12; (ii) at least 20 contiguous nucleotides of a nucleotide sequence set forth in SEQ ID NOS.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12 or a complement thereof; (iii) a nucleotide sequence that has at least about 65% sequence identity to a nucleotide sequence set forth in SEQ ID NOS.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12; or (iv) a nucleotide sequence that hybridizes under stringent conditions to a nucleotide sequence set forth in SEQ ID NOS.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 or a complement thereof.

- 2. An expression vector comprising: (i) the isolated nucleic acid molecule of claim 1, and (ii) a nucleic acid molecule which encodes a protein of interest, wherein (i) and (ii) are in operable linkage, wherein (i) does not normally regulate (ii).
- 3. The expression vector of claim 2, wherein said expression vector is a plasmid.
- 4. A recombinant cell, wherein said recombinant host cell is transformed or transfected with the isolated nucleic acid molecule of claim 1.
- 5. A recombinant host cell, wherein said recombinant host cell is transformed or transfected with the expression vector.
- 6. The recombinant host cell of claim 4, wherein said isolated nucleic acid molecule is stably incorporated in said recombinant host cell's genome.
- 7. The recombinant host cell of claim 5, wherein said expression vector is stably incorporated in said recombinant host cell's genome.
- 8. A method of making a recombinant host cell, said method comprising transforming or transfecting a cell with the expression vector of claim 2.

WO 2005/096805 33 PCT/BR2005/000041

9. A method of making a protein encoded by the expression vector of claim 2, comprising transforming or transfecting a cell with said expression vector, and culturing said cell under conditions favorable for the expression of said protein.

- 10. The method of claim 8, wherein said recombinant host cell is a plant cell.
- 11. A method for making a protein, said method comprising culturing a plant or plant part which comprises the recombinant host cell of claim 10, under conditions favoring production of said protein by said plant or plant part.
- 12. The method of claim 11, wherein said plant is a dicot.
- 13. The method of claim 12, wherein said dicot is *Eucalyptus*.
- 14. The method of claim 12, wherein said dicot is *Populus*.
- 15. The method of claim 11, wherein said plant is a monocot.
- 16. The method of claim 11, wherein said plant is a gymnosperm.
- 17. The method of claim 16, wherein said gymnosperm is *Pinus*.
- 18. The recombinant host cell of claim 4, wherein said recombinant host cell is a plant cell.
- 19. A plant or plant part comprising the recombinant plant cell of claim 18.
- 20. The plant of claim 19, wherein said plant is a dicot.
- 21. The plant of claim 20, wherein said dicot is *Eucalyptus*.
- 22. The plant of claim 20, wherein said dicot is *Populus*.
- 23. The plant of claim 19, wherein said plant is a monocot.
- 24. The plant of claim 19, wherein said plant is a gymnosperm.
- 25. The plant of claim 24, wherein said gymnosperm is Pinus.

WO 2005/096805 34 PCT/BR2005/000041

- 26. The plant part of claim 19, wherein said plant part is a seed.
- 27. The recombinant host cell of claim 4, wherein said recombinant host cell is a pollen cell.
- 28. The method of claim 11, wherein said plant part is selected from the group consisting of a root, a stem, a leaf, a flower, a fruit, a seed, a pistil, a stigma, a style, an ovary, an ovule, an stamen, an anther, and an filament.